AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) Foamable compositions, comprising:

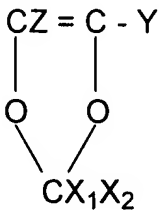
A) 50-99.9% by weight of a chlorotrifluoroethylene (CTFE) polymer containing at least 80% by moles of CTFE; and

B) 0.1-50% by weight of a nucleating agent;

wherein said foamable compositions do not contain any other foaming agents;

and wherein the polymer A) is a CTFE copolymer with one or more comonomers selected from the group consisting of:

- perfluoroalkylvinylethers, wherein the alkyl is $C_1 - C_3$;
- dioxoles having formula:



(I)

wherein Y is equal to OR_f wherein R_f is a perfluoroalkyl having from 1 to 5 carbon atoms, or Y = Z as defined below; X_1 and X_2, equal to or different from each other, are –F or $–CF_3$; Z is selected from

-F, -H, -Cl;

- acrylic monomers having general formula:

$CH_2=CH-CO-O-R_1$ (II)

wherein R_1 is a hydrogenated radical from 1 to 20 C atoms, C_1-C_{20}, alkyl, linear and/or branched, or cycloalkyl radical, or R_1 is H, wherein R_1 optionally contains: heteroatoms; one or more functional groups and double bonds; vinylidene fluoride (VDF) and/or tetrafluoroethylene (TFE).

2. (Previously Presented) Foamable compositions according to claim 1, wherein the nucleating agent, is in the form of a fine powder, having average particle size lower than 50 micron and a melting temperature higher than 250 °C.

3. (Previously Presented) Compositions according to claim 1, wherein the nucleating agent is a tetrafluoroethylene (TFE) homopolymer or a copolymer of the tetrafluoroethylene (TFE) homopolymer having a second melting temperature higher than 250 °C.

4. (Previously Presented) Compositions according to claim 1, wherein the nucleating agent B) is a tetrafluoroethylene homopolymer (PTFE) having a number average molecular weight lower than 1,000,000.

5. (Previously Presented) Compositions according to claim 3, wherein the TFE copolymers are selected from TFE copolymers with perfluoroalkylvinylethers wherein the alkyl is a C_1 – C_3, TFE copolymers with perfluorodioxoles or TFE copolymers with hexafluoropropene (FEP), optionally containing perfluoroalkylvinylethers.

6. (Previously Presented) Compositions according to claim 1, wherein the nucleating agent is used in an amount from 5 to 30% by weight.

7. (Previously Presented) Compositions according to claim 1, wherein the nucleating agent B) is a tetrafluoroethylene homopolymer (PTFE), irradiated with gamma rays or with electron beam.

8. (Previously Presented) Compositions according to claim 1, wherein the polymer A) is formed by at least 90% by moles of CTFE.

9. (Canceled)

10. (Previously Presented) A process to prepare molded articles and foamed coatings comprising the extrusion or thermoforming of the compositions of claim 1.

11. (Previously Presented) Molded articles and foamed coating obtained according to claim 10.

12. (Previously Presented) Articles and foamed coatings according to claim 11 having a void percentage higher than 10% by volume, wherein the average cell sizes are lower than 100 micron.

13. (Original) Electric wires formed of a metal conductor and of a foamed coating according to claim 12.

14. (Previously Presented) The foamable compositions according to claim 2, wherein the average particle size is lower than 20 micron.

15. (Previously Presented) The compositions according to claim 4, wherein the nucleating agent B) has a number average molecular weight lower than 500,000.

16. (Previously Presented) The compositions according to claim 6, wherein the nucleating agent is used in an amount from 10 to 20% by weight.

17. (Previously Presented) The compositions according to claim 8, wherein the polymer A) is formed by at least 95% by moles of CTFE.

18. (Previously Presented) The compositions according to claim 1, wherein the perfluoroalkylvinylethers are perfluoropropylvinylether.

19. (Previously Presented) The compositions according to claim 1, wherein Y is equal to OR_f.

20. (Previously Presented) The compositions according to claim 1, wherein X_1, X_2 and Z are –F in formula (I).

21. (Previously Presented) The compositions according to claim 1, wherein R_f is one selected from the group consisting of $–CF_3$, $-C_2F_5$, and $–C_3F_7$.

22. (Previously Presented) The compositions according to claim 1, wherein the heteroatoms are selected from the group consisting of Cl, O, and N.

23. (Previously Presented) The compositions according to claim 12, wherein the void percentage is higher than 20% by volume.

24. (Previously Presented) The compositions according to claim 12, wherein the average cell sizes are lower than 60 micron.